

Nevada Division of Environmental Protection
Underground Injection Control Program - Sampling and Baseline Report Form

Facility Name :	Depth of sampled water's origin :				
Facility Owner:	County:				
NDEP UIC Permit # :	Location :	Latitude	Longitude		
Well ID # :	Sampler :				
Type of Well :	Monitor	Production	Injection	Date Sampled :	
<u>UIC Sample List 1 Inorganic</u>		Name of Laboratory :			
Parameter	Units	DW Standards	Initial Measured Values	EPA Method	Method Description
total dissolved solids	mg/L	500 - 1000		EPA 160.1	gravimetric
total suspended solids	mg/L	-		EPA 160.2	electrometric
pH	standard units	6.5 - 8.5		EPA 150.1	Ion Chromatography
chloride	mg/L	250 - 400		EPA 300.0	Ion Chromatography
fluoride	mg/L	4		EPA 300.0	Ion Chromatography
sulfate	mg/L	250 - 500		EPA 300.0	Ion Chromatography
nitrate (as nitrogen)	mg/L	10		EPA 300.0	Ion Chromatography
nitrite (as nitrogen)	mg/L	1		EPA 300.0	ICP-MS
aluminum	mg/L	0.05-0.2		EPA 200.8	ICP-MS
antimony	mg/L	0.006		EPA 200.8	ICP-MS
arsenic	mg/L	0.010*		EPA 200.8	ICP-MS
barium	mg/L	2		EPA 200.8	ICP-MS
beryllium	mg/L	0.004		EPA 200.8	ICP-MS
cadmium	mg/L	0.005		EPA 200.8	ICP-MS
chromium	mg/L	0.1		EPA 200.8	ICP-MS
copper	mg/L	1.0-1.3		EPA 200.8	
cyanide (free cyanide)	mg/L	0.2		**	ICP-MS
lead	mg/L	0.015		EPA 200.8	ICP
iron	mg/L	0.3 - 0.6		EPA 200.7	ICP
magnesium	mg/L	125 - 150		EPA 200.7	ICP-MS
manganese	mg/L	0.1		EPA 200.8	AA Cold Vapor
mercury	mg/L	0.002		EPA 245.1	ICP-MS
nickel	mg/L	0.1		EPA 200.8	ICP-MS
selenium	mg/L	0.05		EPA 200.8	ICP-MS
silver	mg/L	0.05		EPA 200.8	ICP-MS
thallium	mg/L	0.002		EPA 200.8	ICP-MS
zinc	mg/L	5.0		EPA 200.8	
adjusted gross alpha***	pci/L	15		EPA 900	
gross beta	mrem	4		EPA 900	
Comments:					
Rev 6/06					

Note: Detection limits must be at least as low as primary or secondary drinking water standards where applicable.
(Method 200.8 meets this requirement, 200.7 does not except for iron). When TDS is high, 200.8 can't be used. See EPA's Approved Methods for Inorganic Chemicals and Other Contaminants at http://www.epa.gov/safewater/methods/inch_tbl.html.

Please indicate detection limit instead of stating "Non-Detect". Metals shall be sampled and analyzed as total metals.

* Note: Effective on January 23, 2006, the Drinking Water Standard for arsenic is 0.010 mg/L.

** See EPA Approved Methods for Inorganic Chemicals and Other Contaminants at http://www.epa.gov/safewater/methods/inch_tbl.html

*** Adjusted gross alpha particle activity (including all alpha activity except from radon and uranium).